

| | | | | | |
|------------------------------|---|----|---|--------------------------|----------------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| | | | | Application Number | 10/529,097 |
| | | | | Filing Date | (Int'l) September 24, 2003 |
| | | | | First Named Inventor | Ernesto ARENAS |
| | | | | Art Unit | 1632 |
| | | | | Examiner Name | J. Hama |
| Sheet | 1 | of | 1 | Attorney Docket Number | 441472001300 |

| | | | | | |
|------------------------------|-----------|---|--------------------------------|--|---|
| U.S. PATENT DOCUMENTS | | | | | |
| Examiner Initials* | Cite No.* | Document Number Number-Kind Code* (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | | | | |

| | | | | | |
|---------------------------------|-----------|--|--------------------------------|--|---|
| FOREIGN PATENT DOCUMENTS | | | | | |
| Examiner Initials* | Cite No.* | Foreign Patent Document Country Code*-Number*-Kind Code* (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | | | | † |
| | | | | | |

| | |
|--------------------|--------------------|
| Examiner Signature | Date Considered |
|--------------------|--------------------|

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.1). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|--|--|---|--|--|---|
| NON PATENT LITERATURE DOCUMENTS | | | | | |
| Examiner Initials | Cite No.* | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | † |
| | | | | | |
| 1. | KIM, J.-H. et al. (July 4, 2002). "Dopamine Neurons Derived from Embryonic Stem Cells Function in an Animal Model of Parkinson's Disease," <i>Nature</i> 418:50-56. | | | | |
| 2. | KITIGAWA, H. et al. (November 2007). "A Regulatory Circuit Mediating Convergence Between Nurr1 Transcriptional Regulation and Wnt Signaling," <i>Mol. Cell. Biol.</i> 27(21):7486-7496. | | | | |
| 3. | MARTINAT, C. et al. (February 21, 2006). "Cooperative Transcription Activation by Nurr1 and Pitx3 Induced Embryonic Stem Cell Maturation to the Midbrain Dopamine Neuron Phenotype," <i>Proc. Natl. Acad. Sci. USA</i> 103(8):2874-2879. | | | | |
| 4. | PARISH, C.L. et al. (January 2008). "Wnt5a-Treated Midbrain Neural Stem Cells Improve Dopamine Cell Replacement Therapy in Parkinsonian Mice," <i>J. Clin. Invest.</i> 118(1):149-160. | | | | |
| 5. | PARK, C.-H. et al. (December 2006). "Acquisition of <i>In Vitro</i> and <i>In Vivo</i> Functionality of Nurr1-Induced Dopamine Neurons," <i>FASEB J.</i> 20:E1910-E1923, Express Summary, pp. 2553-2555. | | | | |
| 6. | PERRIER, A. L. et al. (August 24, 2004). "Derivation of Midbrain Dopamine Neurons from Human Embryonic Stem Cells," <i>Proc. Natl. Acad. Sci. USA</i> 101(34):12543-12548. | | | | |
| 7. | SHIM, J.-W. et al. (2007, e-pub, January 18, 2007). "Generation of Functional Dopamine Neurons from Neural Precursor Cells Isolated from the Subventricular Zone and White Matter of the Adult Rat Brain Using Nurr1 Overexpression," <i>Stem Cells.</i> 25:1252-1262. | | | | |

| | |
|--------------------|--------------------|
| Examiner Signature | Date Considered |
|--------------------|--------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.